

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

12-06-04

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

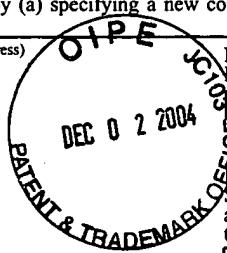
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24319 7590 09/15/2004

**LSI LOGIC CORPORATION**  
1621 BARBER LANE  
MS: D-106 LEGAL  
MILPITAS, CA 95035

12/07/2004 MWOLDGE2 00000076 122252 09828311

01 FC:1501 1370.00 DA



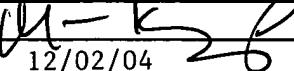
Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Manu Kashyap

(Depositor's name)



(Signature)

12/02/04

(D)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09828311        | 04/06/2001  | Steven R. Spielman   | CALMP016            | 7764             |

TITLE OF INVENTION: DIGITAL AUTOMATIC GAIN CONTROL OF A MULTILEVEL OPTICAL DISC READ SIGNAL

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$0             | \$1330           | 12/15/2004 |

| EXAMINER      | ART UNIT | CLASS-SUBCLASS |
|---------------|----------|----------------|
| HUBER, PAUL W | 2653     | 369-047250     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Christopher P. Maiorana

2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed in accordance as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

LSI Logic Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Milpitas, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies \_\_\_\_\_

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

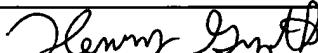
The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 12-2252 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature



Date December 2, 2004

Typed or printed name Henry Groth

Registration No. 39,696

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** **(\$1330.00)**

| Complete if Known    |                |
|----------------------|----------------|
| Application Number   | 09/828,311     |
| Filing Date          | April-06, 2001 |
| First Named Inventor | Lo, Y. C. (T.) |
| Group Art Unit       | 2653           |
| Examiner Name        | Paul W. Huber  |
| Attorney Docket No.  | P016 / 03-2439 |

| METHOD OF PAYMENT (check one)   |                      | FEE CALCULATION (continued)   |                      |  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
|---|----------------------|---|----------------------|--|-------------------------|---------------------|----------------------|-----------------|----------|-----|-----|-----|----|-------------------------------------|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---------------------------|--|-----|-------|-----|-------|--------------------------------------|--|-----|------|-----|-----|--|--|-----|--------|-----|--------|---|--|-----|-----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-------|-----|-----|---|--|-----|-------|-----|-------|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|-------------|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|---------------------|--|----------------|--|--|--|---------------------|--|--|--|--|--|------------------------------|--|---------------------------------|--|--|--|-----------------------------------|--|--|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:</p> <p>Deposit Account Number <b>12-2252</b></p> <p>Deposit Account Number <b>LSI LOGIC CORPORATION</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee required Under 37 C.F.R. 1.18 at the Mailing of the Notice of</p> <p><input checked="" type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of</p> |                      | <p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Larg eFee Code (\$)</th> <th>Entit yFee Code (\$)</th> <th>Larg eFee Code (\$)</th> <th>Entit yFee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td><b>1330</b></td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional application</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129)</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129 (b))</td><td></td></tr> <tr> <td colspan="2">Other fee (specify)</td> <td colspan="4">PUBLICATION FE</td> </tr> <tr> <td colspan="2">Other fee (specify)</td> <td colspan="4"></td> </tr> <tr> <td colspan="2"><b>SUBTOTAL (1) (\$0.00)</b></td> <td colspan="4"><b>SUBTOTAL (3) (\$1330.00)</b></td> </tr> <tr> <td colspan="2">*Reduced by Basic Filing Fee Paid</td> <td colspan="4"></td> </tr> </tbody> </table> |                      | Larg eFee Code (\$)  | Entit yFee Code (\$)    | Larg eFee Code (\$) | Entit yFee Code (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath |  | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet |  | 139 | 130 | 139 | 130 | Non-English specification |  | 147 | 2,520 | 147 | 2,520 | For filing request for reexamination |  | 112 | 920* | 112 | 920 | Requesting publication of SIR prior to Examiner action |  | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action |  | 115 | 110 | 215 | 55 | Extension for reply within first month |  | 116 | 400 | 216 | 200 | Extension for reply within second month |  | 117 | 950 | 217 | 475 | Extension for reply within third month |  | 118 | 1,510 | 218 | 755 | Extension for reply within fourth month |  | 128 | 2,060 | 228 | 1,030 | Extension for reply within fifth month |  | 119 | 310 | 219 | 155 | Notice of Appeal |  | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal |  | 121 | 270 | 221 | 135 | Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,320 | 241 | 660 | Petition to revive - unintentional |  | 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | <b>1330</b> | 143 | 450 | 243 | 225 | Design issue fee |  | 144 | 670 | 244 | 335 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional application |  | 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129) |  | 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129 (b)) |  | Other fee (specify) |  | PUBLICATION FE |  |  |  | Other fee (specify) |  |  |  |  |  | <b>SUBTOTAL (1) (\$0.00)</b> |  | <b>SUBTOTAL (3) (\$1330.00)</b> |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  |  |  |
| Larg eFee Code (\$)   | Entit yFee Code (\$) | Larg eFee Code (\$)   | Entit yFee Code (\$) | Fee Description  | Fee Paid                |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 105   | 130                  | 205   | 65                   | Surcharge - late filing fee or oath  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 127   | 50                   | 227   | 25                   | Surcharge - late provisional filing fee or cover sheet                     |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 139   | 130                  | 139   | 130                  | Non-English specification  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 147   | 2,520                | 147   | 2,520                | For filing request for reexamination                                       |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 112   | 920*                 | 112   | 920                  | Requesting publication of SIR prior to Examiner action                     |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 113   | 1,840*               | 113   | 1,840*               | Requesting publication of SIR after Examiner action                        |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 115   | 110                  | 215   | 55                   | Extension for reply within first month                                     |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 116   | 400                  | 216   | 200                  | Extension for reply within second month                                    |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 117   | 950                  | 217   | 475                  | Extension for reply within third month                                     |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 118   | 1,510                | 218   | 755                  | Extension for reply within fourth month                                    |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 128   | 2,060                | 228   | 1,030                | Extension for reply within fifth month                                     |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 119   | 310                  | 219   | 155                  | Notice of Appeal   |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 120   | 310                  | 220   | 155                  | Filing a brief in support of an appeal                                     |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 121   | 270                  | 221   | 135                  | Request for oral hearing   |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 138   | 1,510                | 138   | 1,510                | Petition to institute a public use proceeding                              |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 140   | 110                  | 240   | 55                   | Petition to revive - unavoidable   |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 141   | 1,320                | 241   | 660                  | Petition to revive - unintentional   |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 142   | 1,320                | 242   | 660                  | Utility issue fee (or reissue)   | <b>1330</b>             |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 143   | 450                  | 243   | 225                  | Design issue fee   |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 144   | 670                  | 244   | 335                  | Plant issue fee  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 122   | 130                  | 122   | 130                  | Petitions to the Commissioner  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 123   | 50                   | 123   | 50                   | Petitions related to provisional application                               |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 126   | 240                  | 126   | 240                  | Submission of Information Disclosure Stmt                                  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 581   | 40                   | 581   | 40                   | Recording each patent assignment per property (times number of properties) |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 146   | 790                  | 246   | 395                  | Filing a submission after final rejection (37 CFR 1.129)                   |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| 149   | 790                  | 249   | 395                  | For each additional invention to be examined (37 CFR 1.129 (b))            |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| Other fee (specify)   |                      | PUBLICATION FE  |                      |  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| Other fee (specify)   |                      |   |                      |  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| <b>SUBTOTAL (1) (\$0.00)</b>  |                      | <b>SUBTOTAL (3) (\$1330.00)</b>   |                      |  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| *Reduced by Basic Filing Fee Paid   |                      |   |                      |  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| <b>SUBMITTED BY</b>   |                      | Complete (if applicable)  |                      |  |                         |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| Typed or printed name   | <b>Henry Groth</b>   |   |                      | Reg. Number  | <b>39,696</b>           |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |
| Signature   | <i>Henry Groth</i>   |   | Date                 | <b>12/2/04</b>   | Deposit Account User ID |                     |                      |                 |          |     |     |     |    |                                     |  |     |    |     |    |  |  |     |     |     |     |                           |  |     |       |     |       |                                      |  |     |      |     |     |  |  |     |        |     |        |   |  |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |   |  |     |       |     |       |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |             |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |  |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |  |  |     |     |     |     |   |  |                     |  |                |  |  |  |                     |  |  |  |  |  |                              |  |                                 |  |  |  |                                   |  |  |  |  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.